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|------------------------|-------------|----------------------|---------------------|------------------|
| APPLICATION NO.        | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/808,287             | 03/25/2004  | Kenji Kamada         | XA-10061            | 5093             |
| 181                    | 7590        | 04/02/2009           | EXAMINER            |                  |
| MILES & STOCKBRIDGE PC |             |                      | LEE, CHUN KUAN      |                  |
| 1751 PINNACLE DRIVE    |             |                      | ART UNIT            | PAPER NUMBER     |
| SUITE 500              |             |                      | 2181                |                  |
| MCLEAN, VA 22102-3833  |             |                      |                     |                  |
| NOTIFICATION DATE      |             | DELIVERY MODE        |                     |                  |
| 04/02/2009             |             | ELECTRONIC           |                     |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

[ipdocketing@milesstockbridge.com](mailto:ipdocketing@milesstockbridge.com)  
[sstiles@milesstockbridge.com](mailto:sstiles@milesstockbridge.com)

|                              |                                      |                                      |
|------------------------------|--------------------------------------|--------------------------------------|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/808,287 | <b>Applicant(s)</b><br>KAMADA ET AL. |
|                              | <b>Examiner</b><br>Chun-Kuan Lee     | <b>Art Unit</b><br>2181              |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 23 December 2008.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 7-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 7-11,13,15-19,21 and 23 is/are allowed.
- 6) Claim(s) 14 is/are rejected.
- 7) Claim(s) 12,20 and 22 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 25 March 2004 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 5) Notice of Informal Patent Application
- 6) Other: \_\_\_\_\_

**DETAILED ACTION**

**RESPONSE TO ARGUMENTS**

1. Currently, claims 1-6 are canceled and claims 7-23 are pending for examination.

**I. OBJECTIONS TO THE CLAIMS**

2. Claim(s) 12, 20 and 22 are objected to because of the following informalities:

in claim 12, lines 12-13, "... the count value is exceeds the timeout setting value ..." should be replaced with -... the count value exceeds the timeout setting value ...-;  
in claim 20, lines 11-12, "... the count start trigger starting its count up operation ..." should be replaced with -... the count start trigger starting the counter's count up operation ...-; and

in claim 22, lines 8-10, "... while the other of the first channel and the second channel is used for a data transfer from the other of the first buffer area ..." should be replaced with -... while the other one of the first channel and the second channel is used for a data transfer from the other one of the first buffer area ...-.

Please note that the request for the replacements as stated above is for the purpose to improve the clarity of the claim language. Appropriate correction is required.

**II. REJECTIONS BASED ON 35 U.S.C. 112**

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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3. Claim 14 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 14, recites the limitation "the next data" in line 5. There is insufficient antecedent basis for this limitation in the claim; the examiner will current assume the claimed limitation of "... next data received ..." for the current examination.

Claims 14 would be allowable if rewritten or amended to overcome the claim objection and rejection(s) under 35 U.S.C. 112, 2nd paragraph , set forth in this Office action.

**III. ALLOWABLE SUBJECT MATTER**

4. Claims 7-11, 13, 15-19, 21 and 23 are allowed.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chun-Kuan (Mike) Lee whose telephone number is (571) 272-0671. The examiner can normally be reached on 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alford Kindred can be reached on (571) 272-4037. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/C.K.L./

March 30, 2009

/Alford W. Kindred/

Supervisory Patent Examiner, Art Unit 2181

Chun-Kuan (Mike) Lee  
Examiner  
Art Unit 2181